Schedule-B

Name of Work :- Drilling Borewell in Ward No-12, in Shettyhalli Sub Division.

SL NO	DESCRIPTION OF WORK	UNIT	QTY	RATE	
				Rs	Words
1	Geophysical investigation of site for sinking bore well for supply drinking water to the habitation either through the Hand Pump. MWS or PWSS by vertical electrical sounding by adopting Venner or schlumberger's method, including reconnaissance survey of geological formation, Geophysical investigation of existing ground infecundity its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top in consolidated formation of proper scatting of casing pipe ,depth of drilling required to cover full depth of auquifer propopsed to be tapped Proboabale yield and other information required including transporetation technical personal and labour etc.	Each	5.00	2065.00	Rupees Two Thousand Sixty five and Paise zero Only
2	Sinking of borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG and above 900 CMF and above in all strata including over burden upto 20m, fixing of casing pipes, collars and cap with necessary welding, cutting and treading including transportation of rig and supporting vehicles, screw charges and cost of consumables, etc.. complete including yield testing at the final depth with a minimum working of compressor for one hour.(excluding cost of casing pipes, collars, caps etc.,				
	a) 0.00 to 50.00 mts	Rmt	250.00	315.18	Rupees Three Hundred Fifteen and Paise Eighteen Only
	b) 50.00 to 100.00 mts	Rmt	250.00	412.00	Rupees Four Hundred Twelve and Paise zero Only
	c) 100.00 to 150.00 mts	Rmt	250.00	458.00	Rupees Four Hundred Fifty eight and Paise zero Only
	d) 150.00 to 200.00 mts	Rmt	250.00	484.10	Rupees Four Hundred eighty four and Paise ten Only
	e) 200.00 to 250.00 mts	Rmt	250.00	560.32	Rupees Five Hundred sixty and Paise Thirtytwo Only
	f) 250.00 to 300.00 mts	Rmt	250.00	620.32	Rupees Six Hundred Twenty and Paise Thirty two Only

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3	Supply of ISI mark 175 mm nominal bore,plain end steel casing pipe grade of steel fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, eletric resistence welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts. Both ends threaded confirming to IS 554/1985, one end fixed with socket conforming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking, weighing 25.10Kg/mtr (inclusive of all taxes and duties). Prices including collar medium duty.(RDED SR 2010-11 P-ii, I-53.a)				
	a) Casing pipe	Rmt	345.00	1325.00	Rupees One Thousand Three Hundred Twenty five and Paise zero Only
4	.Supplying of 175mm MS cap((RDED SR 2010-11 P-ii, I-54)	Each	5.00	100.00	Rupees One Hundred and Paise zero Only
5	Supply of 175mm MS Collar. (RDED SR 2010-11 P-ii, I.55)	Each	5.00	150.00	Rupees One Hundred Fifty and Paise zero Only
6	Provding 200mm dia PVC pipe 10kg/cm2 SE PRED PAGE NO 15 IT 3.4.3 G	Nos	60.00	1721.13	Rupees One Thousand Seven Hundred Twenty one and Paise Thirteen Only
7	Supply and delivery of submersible pump sets suitable for borewell of 165mm dia with specified duty conditions as detailed below and satisfying performance characteristics for pump and motor specified in BIS with ISI mark with a minimum efficiency of 42% pump shall confirm to IS 8034/2002 and motor conforming to IS 9283/1995 with ISI Certification.	No	5.00	69334.60	Rupees Sixty Nine Thousand Three Hundred & Thirtyfour and Paise Sixty Only
8	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper conductor cofirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of Group A 3C x 6.0 Sq.mm (PWD Ele SR 2014-15, P-12 It.2.10)	Mtr	2900.00	151.00	Rupees One Hundred Fifty one and Paise zero Only
9	Errection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair of supporting clams, borewell cap, cable clips with bolts, nuts, valve gauges etc., involved in the job. (Necessary G.I.Pipe and specials will be supplied by the board at the site free of cost)(CE (M) BWSSB, Letter No.BWSSB/CE(M)ACE(M)-II/TA-8/9194/2008-09 dated 21/1/09)	No	5.00	1710.00	Rupees One Thousand Seven Hundred Ten one and Paise zero Only
10	Providing and fixing in position 50mm Nominal bore non- return valve Horizontal type of approved make including cost of all materials, labour and HOM of equipment with all leads compleate as per specification.(PWD SR 15-16, P-93, It-13.55)	Nos	5.00	1609.20	Rupees One Thousand Six Hundred & Nine and Paise Two Zero Only
11	Supplying and fixing 50mm GI Union.(PWD SR 2015-16, P-XXXVII)	Nos	5.00	223.70	Rupees Two Hundred Twenty Three and Paise Seventy Only

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12	Supplying and fixing 50mm GI Elbow. (PWD SR 2015-16, P-XXXVII)	Nos	5.00	122.00	Rupees One Hundred Twenty Two and Paise zero Only
13	Supplying and fixing 50mm GI Nipple. (PWD SR 2015-16, P-XXXVII)	Nos	5.00	104.30	Rupees One Hundred & Four and Paise Thirty Only
14	Supplying and fixing 50mm heavy duty GI Collars. (PWD SR 2015-16, P-XXXVII)	Nos	250.00	100.00	Rupees One Hundred and Paise zero Only
15	Supplying and delivery at site brand new star / Essen / Lotus / Sun shines / Adarsh / GK Controls best indigenous make combined energy meter cum control panel board unit of size 1200x600x350 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3ph, 50 Hz, 380/440 volts, AC supply with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combined energy meter cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 volts AC supply shall be consists etc, complete the panel board shall be consists etc., complete the panel board shall be fabricated on single unit in the above components panel board for suitable pumpset with Star Delta Starter out door type 10 HP to 15 Hp	Nos	5.00	14800.00	Rupees Fourteen Thousand Eigth Hundred and Paise Zero Only
16	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 50mm ia nominal bore with fittings (medium grade weight 1.27 Kg/mtr) B class including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications. Specification No. KBS 13.2.14/13.8 (P-90, It.13.15, PWD SR:2015-	Rmt	1450.00	465.48	Rupees Four Hundred Sixty Five and Paise Forty eight Only
17	Erection of combined panel board and meter unit with necessary materials & labour including providing cement concrete foundation bed concrete door type etc complete. (CE (m) BWSSB, Letter No.BWSSB/CE (M)/ACE(M)-2/TA-8/9194/2008-2009 dated 21/1/09.	Nos	5.00	425.00	Rupees Four Hundred Twenty Five and Paise Zero Only
18	Supplying of TPST with rewireable porcelain channels in SM encloser Made out of 14 SWG Powder coted paint of approved colour 32 amps Group A (PWD Electrical SR 2014-15, P-51, It-6.5.1)	Nos	5.00	1868.00	Rupees One Thousand Eight Hundred Sixty Eight and Paise Zero Only
19	Supplying and fixing 20"x20"x2.5" polished wood board made up not less than 15cm thick plank with front plank one end provided for holding at other end fixing the same of the valve using through bolts and nuts [PWD Electrical SR 2014-15, P-51, It-6.6.6)	Nos	5.00	302.00	Rupees Three Hundred two and Paise zero Only
20	Supplying & Fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 HZ 12/24 V DC [PWD electrical SR 2010-11, P-40, It-34(b)]	Nos	5.00	430.00	Rupees Four Hundred Thirty and Paise Zero Only
21	Wiring for lighting/ power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 & conforming to the attached GTP of Group A. 4 Sqmm. (PWD Ele SR 2010-11, P-9, It-20.2(d)	Mts	175.00	42.10	Rupees Forty two and Paise ten Only

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22	Fixing a shunt capacitor upto 5 KVAR capacity with necessary clamps, bolts and nuts on existing wooden or metal board including banking of more than one capacitor. (PWD Ele SR 2010-11, P-30, It-15(a)	Each	15.00	120.00	Rupees Three Hundred twenty and Paise zero Only
23	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts with provision for fixing suitable type capacity MCB's single phase/3 Phase/ single door with powder coated painting. Made out of 14 SWG M.S enclosure. 12 Way SP & N (PWD Ele SR 2014-15, P-54, It 6.16.5)	Nos	5.00	1047.00	Rupees One Thousand Forty seven and Paise Zero Only
24	Supplying and fixing wiring, earth electrode for grounding conduits IC Cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI Pipe 2.5 Mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charocoal 150mm alround the pipe to complete depth. The connections from the pipe to the conduit etc, is to be established though GI Wire of size as per ISI Specification 7.3.3 of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia. (PWD Ele SR 2014-15, P-62, It-7.1)	Nos	5.00	2727.00	Rupees Two Thousand Seven Hundred Twenty seven and Paise Zero Only
25	Supplying Fully automatic Star delta starter unit push button type with suitable wires 3 Contractors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400 /440 volts phase and wired after fixing to the existing wooden board for motor Group A ,II above 15 HP up to 25 HP (PWD Ele SR 2014-15, P-51, It- 6.2.1)	Each	25	6583.00	Rupees Six Thousand Five Hundred Eighty three and Paise Zero Only
26	Supplying and fixing Class-A (Medium duty) -GI pipe wall thickness not less than 3.25mm on pole/wall/Drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 65mm (PWD Ele SR 2014-15, P-68, It-7.12.3)	Mtr	30.00	585.00	Rupees Five Hundred Eightyfice and Paise zero Only
27	Supplying laying of 1.1 KV class L.T.U.G Cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip (except 2C x 10 Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with speicified IS-1554, Part-1:1988 & confirming to the attached GTP of Group A 3.5 core to 25Sqmm (PWD Ele SR 2014-15, P.No.62, It- 7.4.5)	Mtr	150.00	165.60	Rupees One Hundred Sixtyfive and Paise Sixty Only
28	Labour charges for Laying of 1.1 KV Class UG cable 6 Sqmm to 16 sqmm (PWD Ele SR 2014-15, P-68, It-7.8.1)	Mts	150.00	10.80	Rupees Ten and Paise Eighty Only
29	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating in Hard soil etc., complete. complete as per specifications and direction of the Engineer-in-Charge (PWD Electrical SR 2014-15, P-68, It-7.9.2)	Mtr	125.00	106.00	Rupees One Hundred Six and Paise Zero Only
30	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled wiith necessary bitumen / insulating compound complete. With terminals, clamps, bolts nuts and washers etc.complete for 16 Sqmm as per specification (PWD Ele SR 2014-15, P-69, It-7.13.2)	Each	25.00	280.00	Rupees Two Hundred Eighty and Paise Zero Only

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31	Supplying and fixing Porcelain fuse channel with cut out on the existing wooden block & wiring complete 32 amps (PWD Ele SR 2014-15, P-52, It-6.7)	No	15.00	180.00	Rupees One Hundred Eighty and Paise Zero Only
32	Earth work excavation for foundation of building water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m	Cum	648.00	299.98	Rupees Two Hundred Ninetynine and Paise Nine eight Only
33	KSRB13-9.3 : Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9(PWD SR 2015-16, P-93, It -13.67)	Mts	1200.00	124.20	Rupees One hundred Twenty four and Paise two zero Only
34	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specificifictions.(P-6, It -2.11)	Cum	486.00	80.56	Rupees Eighty and Paise Five six Only
35	Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (PWD SR 2015-16, P-133, It.17.1)	Cum	162.00	457.92	Rupees Four hundred Fifty seven and Paise Nine two Only
36	Erection of pumping machineries PRE SR 12-13 pg 51/10.3.20	No	5.00	900.00	Rupees Nine hundred and Paise Zero Only
37	KPTCL Deposit charges	No	5.00	13300.00	Rupees Thirteen Thousand Three hundred and Paise Zero Only
38	Borewell registration charges per Rs 1000 each for BWSSB	No	5.00	1000.00	Rupees One Thousand and Paise Zero Only

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